

Title (en)

Electronic device employing flash memory

Title (de)

Elektronische Speichervorrichtung mit Flash-Speicher

Title (fr)

Dispositif de mémoire flash et dispositif électronique l'utilisant

Publication

**EP 2665065 A2 20131120 (EN)**

Application

**EP 12198253 A 20121219**

Priority

KR 20120018431 A 20120223

Abstract (en)

A flash memory device and an electronic device employing thereof are provided for efficiently processing data that is larger than a page size of a data block and for processing data that is smaller than the page size of the data block. The flash memory device preferably includes a plurality of flash arrays therein and the plurality of flash arrays is divided into partitions depending on at least two or more page sizes, thereby advantageously improving the performance of random write.

IPC 8 full level

**G11C 16/00** (2006.01); **G06F 12/02** (2006.01)

CPC (source: EP KR US)

**G06F 12/02** (2013.01 - KR); **G06F 12/0246** (2013.01 - EP US); **G06F 12/06** (2013.01 - KR); **G06F 2212/7208** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2013227198 A1 20130829**; CN 103294604 A 20130911; EP 2665065 A2 20131120; EP 2665065 A3 20140122; KR 20130096881 A 20130902

DOCDB simple family (application)

**US 201213706565 A 20121206**; CN 201310055510 A 20130219; EP 12198253 A 20121219; KR 20120018431 A 20120223